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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HADLACZKY *et al.*  
Serial No. 09/724,726  
Filed: November 28, 2000  
For: *ARTIFICIAL CHROMOSOMES, USES  
THEREOF AND METHODS FOR  
PREPARING ARTIFICIAL  
CHROMOSOMES*  
Art Unit: Unassigned  
Examiner: Unassigned

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
Washington, D.C. 20231, on this date.

05/14/01  
Date

*Kelly M. Fischer*  
Kelly M. Fischer

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Preliminary to examination of the above-captioned patent application, please amend the application as follows:

**IN THE SPECIFICATION:**

Please amend the specification as follows (a marked up copy of the amended specification is attached to this Amendment):

**Please replace the paragraphs on page 19, lines 4-15, with the following:**

A<sup>1</sup>  
As used herein, a SATAC refers to a chromosome that is substantially all heterochromatin, except for portions of heterologous DNA. Typically, SATACs are satellite DNA based artificial chromosomes, but the term encompasses any chromosome made by the methods herein that contains more heterochromatin than euchromatin.

As used herein, amplifiable, when used in reference to a chromosome, particularly the method of generating SATACs provided herein, refers to a region of a chromosome that is prone to amplification. Amplification typically occurs during replication and other cellular events involving recombination. Such regions are typically regions of the chromosome that include tandem repeats, such as satellite DNA, rDNA and other such sequences.